

# PHOTOGRAPHIC RECORD OF MEXICAN TRIP

## FIRST ACTUAL PICTURES TO BE OBTAINED

Johnny Sabra, Local Boy, Brings Back Characteristic Views of Motor Division on Transport Work for Gen. Pershing

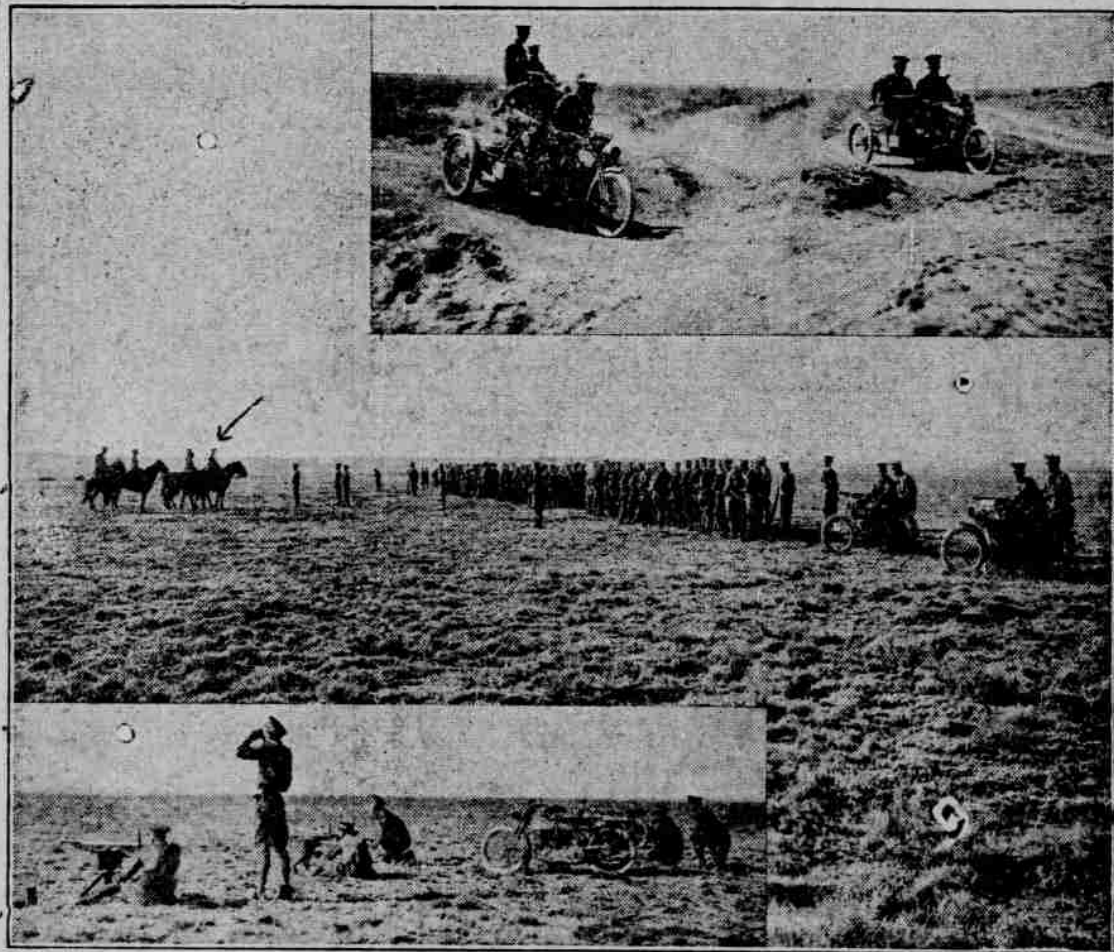
For the first time in actual photographs, as it was yesterday first in the words of Johnny Sabra, The Republican presents this morning a graphic description of the work the motor division is doing in Mexico, where an army of 20,000 U. S. regulars is pursuing bands of Villa outlaws. Phoenix enjoyed the distinction of being the first city to read about the marvelous work being done by the Pershing column, for the statement of Sabra was the first given out by anybody who had penetrated so far into Mexico, over which no censor has exercised his blue pencil.

It was with a kodak, belonging to a sergeant in the signal corps, that Sabra secured the photographs. He brought the films to this city where they were developed and secured for publication this morning.

They represent three phases of camp life in Mexico. Three of them depict motor trucks in action, one a signal hut, where the mobile forces in the field keep in touch with the base camp and the other shows a crowd of Mexican refugees, who have taken possession of one of the big abandoned houses, formerly belonging to the Mormon colonists at Ascuncion.

The refugees have been displaying truly grasping natures, according to Sabra. They present inflated bills to the commissary department, for every fowl they miss. One man wanted

## Motorcycle Manoeuvres In Mexico



United States army adopts motorcycles in Mexican expedition as a result of what Brig. Gen. John J. Pershing (indicated by the arrow) observed of their value in warfare when he reviewed the cadets at the New Mexico Military Institute at Roswell. Upper right shows machine gun corps No. 1 crossing arroyo and washed out roads at high speed. Machine guns, inset, lower left, can be fired from the motorcycles or can be mounted separately and go into action within one minute.

thirty dollars gold for a wagon, which he said some men of the signal corps had burned, and was much peeved when his request was refused. Some idea of the difficulties of transportation can be gained from the picture of the little truck in which the signal corps carries all its wire and

tools. The high center of dust is almost blocking the road, but the car is being forced along in spite of everything. The picture was taken while the truck was in motion.

In the group photograph, are seen part of the fleet of trucks, consuming a little noontime repast. The car in the foreground is the signal truck. Sabra's truck is in the center.

In the large picture are shown some of the motorcycles in active service in Mexico.

## USE OF DISTILLATE INCREASING IN U. S.

The use of distillate to replace gasoline in motor cars is becoming one of the most important discussions in motor circles throughout the United States. As the question of cheaper fuel is settled an aggregate saving of many millions of dollars to the American people will be the result. C. D. Messner of the Southwestern Carburetor Company installed the first distillate station in Phoenix several weeks ago and with the use of Master Carburetors the number of Phoenix motors using distillate is daily increasing. The use of distillate in pleasure cars as well as trucks is now quite generally in use in California, although it has not come into general use in the east. Mr. Messner during the past ten days has received many letters from Eastern points from people that through the advertisements in the Republican, wish more information regarding the use of distillate and the Master Carburetor that handles it. The last issue of Motor Age had a story of the Southwestern Carburetor Company's experience with distillate. The article has attracted wide attention. The Automobile Trade Journal has also written Mr. Messner for further information on the subject. Mr. Messner has explained the reason why the Master Carburetor is so efficient in the use of distillate as well as giving it an increased efficiency in the use of gasoline. The big feature of the Master Carburetor is its method of construction which breaks the particles into a very fine spray before mixing it with the air, giving perfect combustion; thus utilizing all possible heat units to the best advantage. The Master Carburetor is thus enabled to break up the distillate and so thoroughly mix it that it not only gives a greater mileage but a greater power than does gasoline. Said Mr. Messner, "I feel sure that within a few months practically everyone in Phoenix will be using distillate instead of gasoline."

### A NEW METHOD OF ATTACK

General Joffre tried nibbling, and Falkenhayn nibbled too. Then Joffre tried to win by one tremendous impact. The impact did not succeed in breaking the German line. Now ap-

## BEAUTIFUL BUS OF THE JEFFERSON

One of the most beautiful hotel busses manufactured anywhere was put in commission in Phoenix yesterday by the Jefferson Hotel. It is dark maroon colored, massive but light running. One of the proudest contributors to the hotel's new bus was John R. Huff, manager of the local Studebaker agency. The chassis is a Studebaker 4-40, and for some weeks Mr. Huff has been greatly interested in the construction work of the beautiful bus placed on his chassis. The bus was manufactured throughout by the Phoenix Show Case and Cabinet Company of Five Points. The workmanship throughout is a splendid example of high grade cabinet making. No plant in the United States could turn out a more highly polished or beautifully finished product than this bus. The exterior is all of Spanish steel, beautifully designed. There are glass windows near the top, these windows are about a foot high and are of ornamental glass, and extend around all four sides of the bus. The bus holds very comfortably, twelve people. Sitting in the bus, one is in the midst of delightful luxury. The interior wood is all solid mahogany. It is electrically lighted both inside and out. The floor has a rich blue velvet carpet and the seats are deep and for comfort could not be excelled by a big easy chair in a club house. The upholstery is in brown Spanish leather. Manager Roper of the Jefferson Hotel took great delight yesterday afternoon in showing the bus to the business men of the city.

parently the Germans are attempting a method between the two, the method of a series of jumps. It leaves room for serious counter attacks, as the recapture of positions has already proved. Its success depends on the staying power of German infantry and artillery reserves.

I have myself seen, at the beginning of the war, soft German troops on a forced march under heavy equipment, and reports to the contrary notwithstanding, their staying power has been proved over and over again. As at present organized, German infantry is the best in the world. But whether the mobility of reserves is sufficient to make this method a success is still in doubt.

Last summer the German general staff officially stated after Joffre's attack in Artois, that they (the Germans) now had it in their power to choose the moment when trench fighting would give place to open fighting. They are trying today to prove it. If they break through they will have proved it.—Gerald Morgan

## NEW INDUSTRY IS ORGANIZED HERE

Special fender and running board braces for automobiles, fenders, trunk racks, etc., are now being manufactured in Phoenix. The new products are proving satisfactory and from present indications it appears that the city will soon have another thriving young industry. The work is being done by the Phoenix Plating Company whose shop is operated in connection with the big Hageman plumbing and pipe-working plant at Second and Adams streets.

The Phoenix Plating Company was organized about a year ago, but has had some difficulty in securing the services of a thoroughly competent plater until recently. It appears that even in the very largest plating works in the manufacturing towns, that it is seldom that more than one plater is employed, although there may be hundreds of workers in the entire plant. The real "plater" is the man who has the working knowledge of chemistry and electricity, and has in his charge the making of the solutions, etc. Hageman reports that he now has for the first time a man who thoroughly understands both the theory and practice of electro-plating, and some exceptionally fine work is being done. It was in connection with the electro-plating of automobile accessories for local dealers that the idea came to manufacture various auto specialties here, and the plan is working out nicely. The demand for such articles in central Arizona for such articles is large enough to keep a small factory busy the year around, and it may be that the Phoenix Plating Works may develop into quite a plant if given proper support by local dealers and automobilists.

## TELLS WHY WESTERN MOTOR OILS HAVE THE ADVANTAGE

"Why do motor oils made from asphalt-base crude give best results, especially in the matter of carbon deposits?" asked Mr. J. E. Balsey, of the Standard Oil company.

"Well, it's a rather technical subject for the ordinary citizen," he said, "but as our friends the chemists would say, oil made from asphalt-base crude 'vaporizes and distills without decomposition.'"

"In everyday language that means that oil which gets into the explosion chamber does not break up under the intense heat and leave a deposit to gradually bake hard on cylinder walls and valves, and catch and hold carbon derived from the motor fuel."

"Oil refined from asphalt-base crude maintains its correct lubricating body until its work is completed and then passes off with the exhaust, leaving a clean cylinder."

"It simply amounts to this—nature has given asphalt-base crude a different and more advantageous chemical construction, as far as producing good motor oils is concerned. And when this oil is correctly refined, naturally it gives the motorist better results."

### NAVAL MILITIA CRUISE

WASHINGTON, April 1. Naval militia organizations were notified by the navy department that their annual cruise would be held this year from July 15 to 29. Details have not been worked out, but at least nine reserve battleships will be used on the Atlantic coast, in addition to the torpedo destroyers assigned to the Florida, Louisiana, South Carolina and Texas organizations, and that several ships will be provided for the California, Oregon and Washington milita.

## ONE OUT OF FORTY-TWO OWN AUTO

"The fact that in the United States every forty-second person of its 101,200,000 population owns an automobile leads some to wonder where the immense planned production of 1916 is going to be sold," remarks H. S. Daniels of the Kissel Kar.

"It is my guess that a greater percentage than ever before of cars built this year will go abroad, the relative export of pleasure vehicles and commercial trucks depending upon the length of the European war."

"What I hear from the factory indicates that at least automobile dealers in the belligerent countries are looking for an early termination of the conflict, in which event they expect business to boom. Most of the cars in France, Germany and Russia have been seized for army use and an immense number destroyed, while many of the automobile factories are badly disorganized."

"But makers in America are not depending upon foreign demand. Representative manufacturers like Kissel already have practically their whole

MICHELIN-FOUNDED-1832

# MICHELIN

## Universal Tread

The New Tire Everyone Is Talking About

The Non-Skid Tread combines in One Tire all the Advantages of both the Suction Tread and the Raised Tread Types.

Prices Moderate and Quality the Best!

### SOUTHWESTER CARBURETOR CO.

ONE QUALITY ONLY - THE BEST

# WANTED!

## HORSES FOR UNITED STATES ARMY

Inspection will be held at Lambert's Corral at Five Points, which has been hired for this purpose.

### Wednesday, April 5th

Horses required must be sound and weighing from 950 to 1300 lbs. Ages 4 to 8 years old.

## No Greys or Roans

A liberal price will be paid for this kind of animal, and sellers will do well by communicating with—

**A. S. CHRISTMAS, Hotel Adams, or Lambert's Corral**

Horses will be received Sunday, Monday and Tuesday and Wednesday, and fed and shod at our expense

**SPECIAL NOTICE**—If you will communicate with us by phone or letter, will call at your ranch and advise you what horses will be accepted. Horses will be paid for in cash when taken.

## GOOD ROADS MEN OF WAYNE CO.

The road system of Wayne County in which Detroit is situated, is famous throughout the country and the success of the building operations there has stimulated road building in many parts of the nation.

Therefore, the men who are responsible for the roads of Wayne county can be considered as among the leaders in the good roads movement in the country.

Two of them are shown here in the tonneau of a Dodge Brothers motor car about to start from the county building on a trip over the roads to ascertain how the roads have stood the winter.

They are John S. Haggerty and Edward N. Hines, who with Wm. F. Butler comprise the Wayne County Road Commission. Both Mr. Haggerty and Mr. Hines have been members of the commission since its creation eight years ago and under their direction has been expended nearly \$2,500,000 for good roads.

Both labor at this work because they like it as both have large private interests that engage their attention and Mr. Haggerty is also president of the Michigan State Fair.



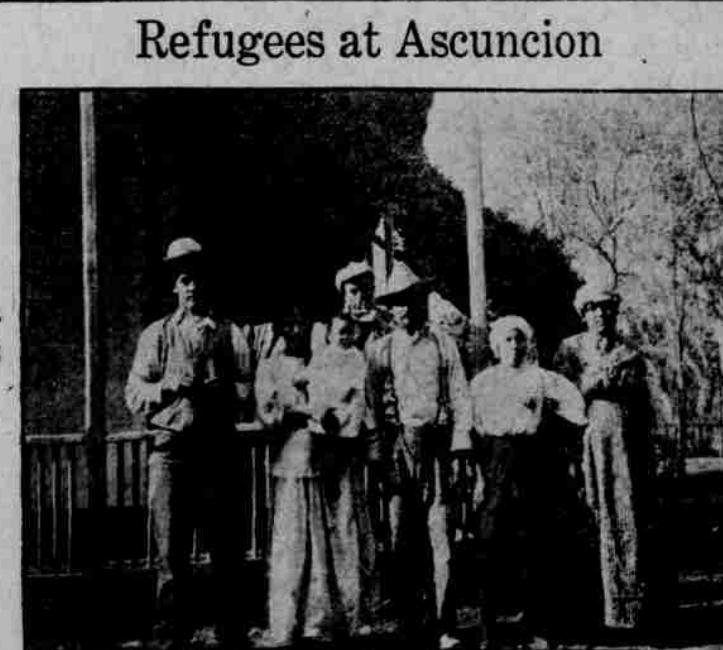
Signal Corps Truck Outfit



Something Like High Center



The Fleet at Noon Anchorage



Refugees at Ascuncion



Field Signal Station

# "61" FLOOR VARNISH

It is heel-proof, mar-proof and can be washed with hot or cold water. The overflowing bath-tub will not turn it white.

A full line of Pratt and Lambert's Varnishes, and VITRALITE, the long life white enamel. | House Paint, Barn Paint, Roof Paint. Everything in the Paint Line.

## Phoenix Paint House

31 West Adams "It pays to buy paint at a Paint House" Phone 1259